

ABSTRACT OF THE INVENTION

Disclosed are improved fluorination processes and fluorine-containing compositions which involve introducing to one or more fluorination process compositions a water reactive agent in an amount and under conditions effective to decrease the amount of water in that composition. The water reactive agent is preferably introduced to the fluorination process at a location downstream of the fluorination reaction, in amounts and under conditions effective to produce a relatively lower concentration of water in the composition, and preferably throughout the fluorination process.